

Title (en)

METHOD AND APPARATUS FOR PACKET SCHEDULING IN A WIRELESS NETWORK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PAKETPLANUNG IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

PROCEDE ET DISPOSITIF DE PROGRAMMATION DE PAQUETS DANS UN RESEAU SANS FIL

Publication

EP 1963874 A4 20130116 (EN)

Application

EP 06838876 A 20061130

Priority

- US 2006046151 W 20061130
- US 30185505 A 20051213

Abstract (en)

[origin: US2007133454A1] Method and apparatus for packet scheduling in a wireless network is described. First values for a data transmission rate are measured for each of a plurality of mobile stations over time. Second values for a function of the data transmission rate are computed using at least one of the first values for each of the mobile stations. A rate of change of the data transmission rate is computed for each of the plurality of mobile stations using the second values associated therewith. A stability of the data transmission rate is computed for each of the plurality of mobile stations using the second values associated therewith. A channel quality factor is determined for each of the mobile stations using a current value of the second values, the rate of change of the function, and the stability of the function associated therewith.

IPC 8 full level

H04W 72/54 (2023.01); **H04W 84/12** (2009.01)

CPC (source: EP US)

H04W 72/542 (2023.01 - EP US); **H04W 72/543** (2023.01 - EP US)

Citation (search report)

- [I] US 2003232625 A1 20031218 - BHUSHAN NAGA [US], et al
- [I] US 2005130664 A1 20050616 - SANG AIMIN [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 30185505 A 20051213; EP 06838876 A 20061130; US 2006046151 W 20061130